

AMENDED CLAIMS

[Received by the International Bureau on 03 June 2005 (03/06/05);
original claims 1 to 12 replaced by new claims 1 to 11]

1. Device for treating breathing problems, comprising a shaped part (2) fitting onto the teeth of the lower jaw, a
5 shaped part (1) fitting onto the teeth of the upper jaw, and adjustable connecting means between the upper and lower shaped part for forward/backward (P2) and upward/downward (P1) adjustment of the upper shaped part relative to the lower shaped part, wherein one of the shaped parts is
10 provided at the front with a slide mechanism consisting of a slide element (8) which is slidable laterally to a limited extent along a guide element (9), and that the adjustable connecting means are fixedly connected to the other shaped part on one side and to the slide element (8) on the other,
15 **characterized in that** the adjustable connecting means comprise a horizontal adjusting screw (6) for forward/backward (P2) adjustment of the one shaped part relative to the other, which horizontal adjusting screw co-acts on one outer end with a threaded passage (7) mounted on
20 the slide element (8), said screw being connected by means of a connecting piece (14) with the adjustable connection means for the upward/downward adjustment.

2. Device as claimed in claim 1, **characterized in that** the dimensions of the guide element (9) and the slide element
25 (8) are closely-sized transversely of the guiding direction.

3. Device as claimed in either of the foregoing claims, **characterized in that** the guide element is a rod mounted between two points of the one shaped part, and the slide element is a hollow tube slidable around this rod.

30 4. Device as claimed in any of the foregoing claims, **characterized in that** the length of the hollow tube is chosen as a function of the desired maximum lateral displacement.

5. Device as claimed in claim 4, **characterized in that**

the slide element can be snapped onto the guide element.

6. Device as claimed in any of the foregoing claims, **characterized in that** the adjustable connecting means comprise a substantially vertical adjusting screw (4) with
5 double screw thread for upward/downward adjustment (P1) of the upper shaped part relative to the lower shaped part, which adjusting screw co-acts on one outer end with a first threaded bore (13) connected via the connecting piece (14) to the slide element, and which co-acts on its other outer end
10 with a second threaded (13') bore provided on the front side of the other shaped part, wherein a rotation of the adjusting screw changes the distance between the lower and upper threaded bores.

7. Device as claimed in claim 6, **characterized in that**
15 the adjusting screw (4) is provided substantially in the middle with an encircling flange (15) with radially directed openings (10) in which a rod (12) fits for the purpose of turning the adjusting screw through rotation of the rod.

8. Device as claimed in claim 6 or 7, **characterized in**
20 **that** the vertical adjusting screw is enclosed on both sides by telescopically acting tubes (15, 16).

9. Device as claimed in any of the claims 1-5, **characterized in that** the adjustable connecting means comprise a substantially vertical adjusting screw and a
25 threaded bore co-acting therewith for the upward/downward adjustment of the upper shaped part relative to the lower shaped part.

10. Device as claimed in any of the claims 6-8, **characterized in that** the horizontal adjusting screw is
30 provided on its other outer end with a screw head (11), and that the connecting piece (8) is provided with a horizontally oriented hole through which the horizontal adjusting screw extends.

11. Device as claimed in any of the foregoing claims, **characterized in that** the adjustable connecting means are at least partially received in a housing which is rounded on the outside.